WSM

WORKSHOP MANUAL
TRACTOR

BX1800,BX2200

Kubota

KiSC issued 07, 2006 A

3. TIGHTENING TORQUES

Tightening torques of screws, bolts and nuts on the table below are especially specified.
(For general use screws, bolts and nuts : See page G-8.)

Item	N·m	kgf·m	ft-lbs
Cushion mounting nut	48.1	4.9	35.4
Engine mounting nut	48.1	4.9	35.4
Engine support screw	48.1 to 55.9	4.9 to 5.7	35.4 to 41.2
Front coupling mounting screw	23.5 to 27.4	2.4 to 2.8	17.3 to 20.2
Under cover mounting bolt and nut	7.8 to 8.8	0.8 to 0.9	5.8 to 6.5

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[D722-E-BX]

Item	Size × Pitch	N·m	kgf·m	ft-lbs
Air cleaner stay screw	M6 × 1.0	9.8 to 11.3	1.00 to 1.15	7.23 to 8.32
	M8 × 1.25	23.5 to 27.5	2.4 to 2.8	17.4 to 20.3
* Connecting rod screw	M7 × 0.75	26.5 to 30.4	2.7 to 3.1	19.5 to 22.4
* Cylinder head cover cap nut	M6 × 1.0	3.9 to 5.9	0.4 to 0.6	2.9 to 4.3
* Cylinder head screw	M8 × 1.25	37.2 to 42.1	3.8 to 4.3	28.0 to 31.7
* Fan drive pulley screw	M12 × 1.5	98.0 to 107.8	10.0 to 11.0	73.8 to 81.2
* Flywheel mounting screw	M10 × 1.25	53.9 to 58.8	5.5 to 6.0	39.8 to 43.4
Glow plug	M8 × 1.0	7.8 to 14.7	0.8 to 1.5	5.8 to 10.8
Idle gear shaft mounting nut	M6 × 1.0	9.8 to 11.3	1.00 to 1.15	7.2 to 8.3
Injection pipe retaining nut	M12 × 1.5	24.5 to 34.3	2.5 to 3.5	18.1 to 25.3
* Main bearing case screw 1	M8 × 1.25	23.6 to 27.4	2.4 to 2.8	17.4 to 20.2
* Main bearing case screw 2	M7 × 1.0	26.5 to 30.4	2.7 to 3.1	19.5 to 22.5
Nozzle holder		34.3 to 39.2	3.5 to 4.0	25.3 to 28.9
Nozzle holder assembly	M20 × 1.5	49.0 to 68.6	5.0 to 7.0	36.2 to 50.6
Oil pressure switch	PT 1/8	14.7 to 19.6	1.5 to 2.0	10.8 to 14.5
Overflow pipe assembly retaining nut	M12 × 1.5	19.6 to 24.5	2.0 to 2.5	14.5 to 18.1
* Rocker arm bracket nut	M6 × 1.0	9.8 to 11.3	1.00 to 1.15	7.2 to 8.3

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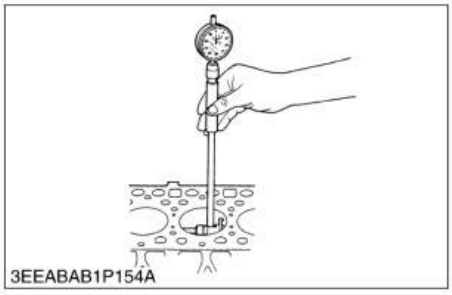
(E) Cylinder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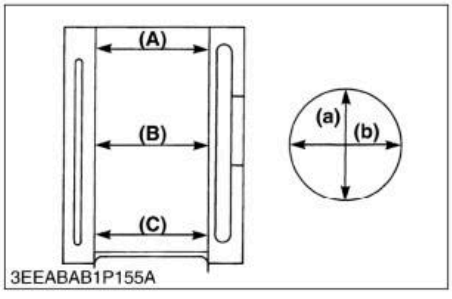

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Cylinder Wear

1. Measure the I.D. of the cylinder at the six positions (see figure) with a cylinder gauge to find the maximum and minimum I.D.'s.
2. Get the difference (Maximum wear) between the maximum and the minimum I.D.'s.
3. If the wear exceeds the allowable limit, bore and hone to the oversize dimension. (Refer to **"Correcting Cylinder"**.)
4. Visually check the cylinder wall for scratches. If deep scratches are found, the cylinder should be bored. (Refer to **"Correcting Cylinder"**.)

[D722]

Cylinder liner I.D.	Factory spec.	67.000 to 67.019 mm 2.63779 to 2.63854 in.
	Allowable limit	67.169 mm 2.64444 in.

[D905]

Cylinder liner I.D.	Factory spec.	72.000 to 72.019 mm 2.83464 to 2.83539 in.
	Allowable limit	72.169 mm 2.84129 in.

(A) Top
(B) Middle
(C) Bottom (Skirt)
(a) Right-angled to Piston Pin
(b) Piston Pin Direction

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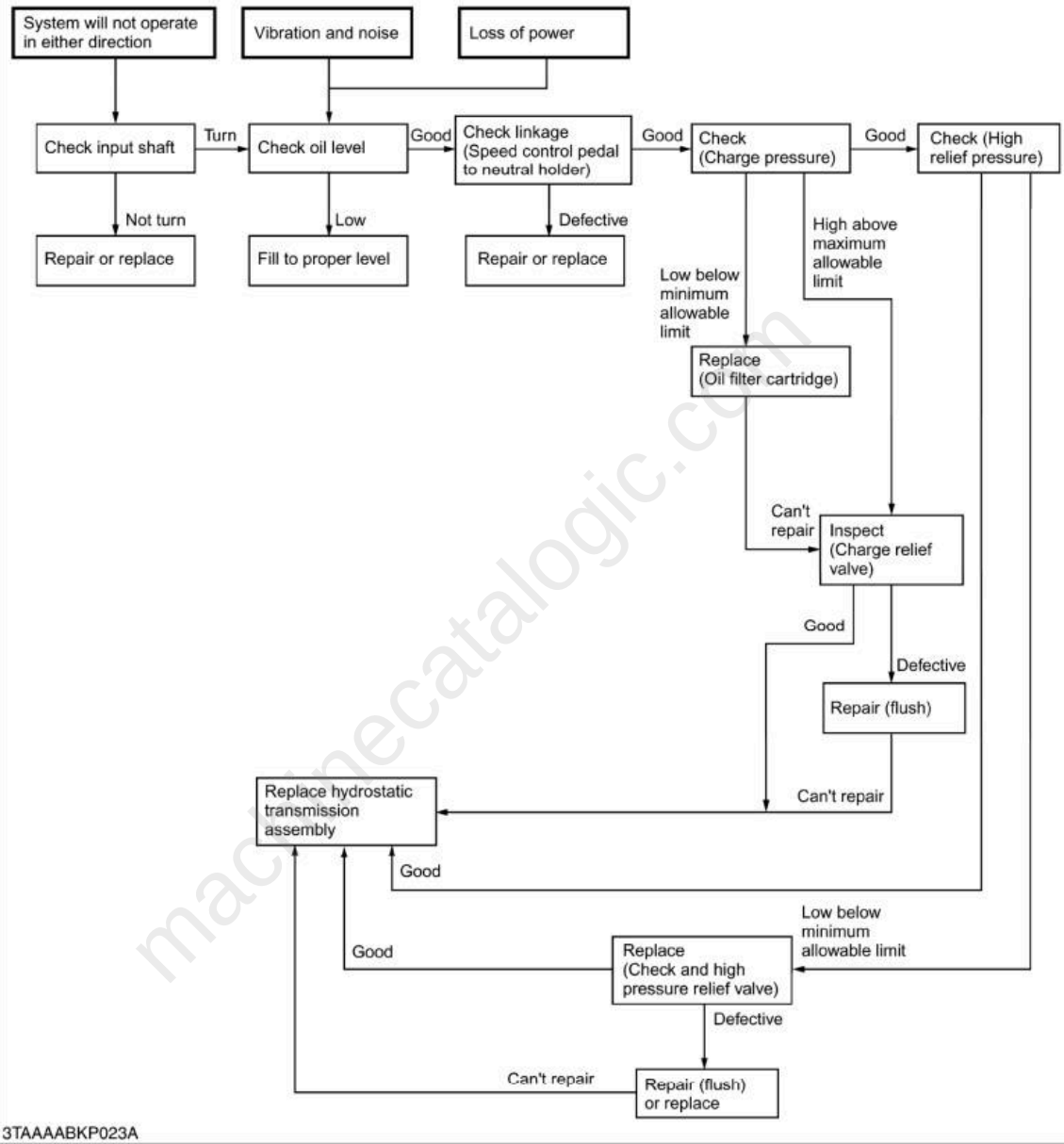
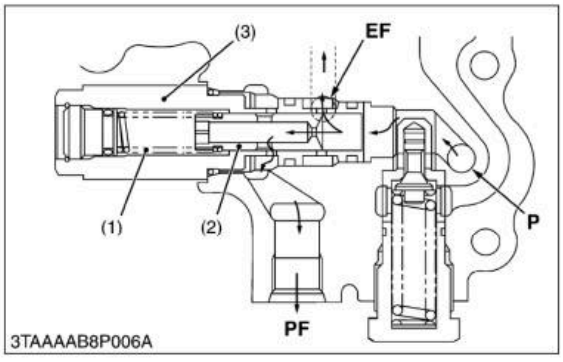
1. TROUBLESHOOTING

HYDROSTATIC TRANSMISSION



4. FLOW PRIORITY VALVE



The flow priority valve is a flow divider that divides the flow from single hydraulic source (hydraulic pump) to actuates two circuits simultaneously.

This valve feeds fixedly controlled flow (7 L/min., 1.8 U.S.gals./min., 1.5 Imp.gals./min.) to the **PF** port with priority and excessive flow to the **EF** port.

(1) Spring
(2) Spool
(3) Valve Body

EF : EF Port (to 3 point hitch control circuit)
PF : PF Port (to power steering PTO clutch and HST circuit)
P : Pump Port

W1013500

Full Version Available

Kubota BX2200 Tractor Workshop Manual

This is a short preview. The complete manual contains all chapters, wiring diagrams, torque specifications and full service procedures.